PROYECTO MINA DE COBRE PANAMA

ESTUDIO DE IMPACTO AMBIENTAL (EsIA)
CATEGORIA III

INFORME MENSUAL DE PRECIPITACIÓN

Documento No.
1707-013

Compromisos de EsIA Aplicables	Informe N°	Periodo reportado	Elaborado por	Fecha de Emisión del Reporte
13189	1707	Julio 2017	Water & Earth Technologies	07/08/2017

PRECIPITATION REPORT

Station Number: 40080 Colina Vivero

LOCATION.-- Lat 8°49'39.06"N Long 80°39'24.6"W, at Minera Panama, District of Donoso, Province of Colon, Republic of Panama.

DRAINAGE AREA.-- N/A

PERIOD OF RECORD.-- 06/23/2014-Present

GAGE.-- 1mm Tipping bucket and datalogger with satellite telemetry

AVERAGE PRECIP.--

EXTREMES.-- 253.00mm on 12/13/2014

REMARKS.-- Values in mm

DAILY TOTAL VALUES OF PRECIPITATION, IN MM, CALENDAR YEAR JANUARY 2017 TO DECEMBER 2017

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	16.00	2.00	6.00	1.00	1.00	1.00	4.00	---	---	---	---	---
2	2.00	4.00	19.00	1.00	10.00	0.00	11.00	---	---	---	---	---
3	2.00	5.00	31.00	2.00	4.00	4.00	0.00	---	---	---	---	---
4	0.00	12.00	14.00	0.00	0.00	14.00	25.00	---	---	---	---	---
5	2.00	3.00	124.00	0.00	4.00	9.00	17.00	---	---	---	---	---
6	9.00	4.00	5.00	2.00	2.00	0.00	1.00	---	---	---	---	---
7	3.00	3.00	7.00	0.00	76.00	4.00	0.00	---	---	---	---	---
8	42.00	24.00	26.00	9.00	41.00	39.00	13.00	---	---	---	---	---
9	14.00	0.00	4.00	1.00	7.00	54.00	1.00	---	---	---	---	---
10	17.00	1.00	8.00	1.00	13.00	0.00	9.00	---	---	---	---	---
11	2.00	4.00	13.00	0.00	3.00	0.00	4.00	---	---	---	---	---
12	4.00	55.00	11.00	1.00	13.00	0.00	3.00	---	---	---	---	---
13	11.00	44.00	3.00	2.00	0.00	2.00	8.00	---	---	---	---	---
14	2.00	2.00	25.00	9.00	0.00	13.00	12.00	---	---	---	---	---
15	23.00	0.00	11.00	0.00	26.00	2.00	9.00	---	---	---	---	---
16	7.00	0.00	1.00	9.00	4.00	7.00	0.00	---	---	---	---	---
17	3.00	0.00	11.00	53.00	7.00	2.00	1.00	---	---	---	---	---
18	3.00	3.00	6.00	2.00	43.00	0.00	2.00	---	---	---	---	---
19	9.00	0.00	1.00	1.00	15.00	26.00	13.00	---	---	---	---	---
20	1.00	0.00	3.00	12.00	15.00	4.00	0.00	---	---	---	---	---
21	8.00	3.00	6.00	0.00	23.00	5.00	43.00	---	---	---	---	---
22	0.00	0.00	15.00	0.00	39.00	3.00	9.00	---	---	---	---	---
23	0.00	0.00	28.00	0.00	0.00	2.00	0.00	---	---	---	---	---
24	0.00	0.00	30.00	0.00	0.00	8.00	2.00	---	---	---	---	---
25	0.00	0.00	3.00	0.00	0.00	1.00	25.00	---	---	---	---	---
26	7.00	0.00	0.00	0.00	13.00	8.00	2.00	---	---	---	---	---
27	10.00	5.00	4.00	0.00	0.00	10.00	15.00	---	---	---	---	---
28	4.00	6.00	0.00	0.00	2.00	30.00	3.00	---	---	---	---	---
29	8.00	---	2.00	9.00	23.00	19.00	0.00	---	---	---	---	---
30	7.00	---	0.00	39.00	10.00	31.00	36.00	---	---	---	---	---
31	5.00	---	0.00	---	0.00	---	1.00	---	---	---	---	---
TOTAL	221.00	180.00	417.00	154.00	394.00	298.00	269.00	---	---	---	---	---
MEAN	7.13	6.43	13.45	5.13	12.71	9.93	8.68	---	---	---	---	---
MAX	42.00	55.00	124.00	53.00	76.00	54.00	43.00	---	---	---	---	---
MIN	0	0	0	0	0	0	0	---	---	---	---	---

PRECIPITATION REPORT

Station Number: 40100 Name: Rio Botija

LOCATION.-- Lat 8°50'9.76"N Long 80°37'3.88"W, at Minera Panama, District of Donoso, Province of Colon, Republic of Panama.

DRAINAGE AREA.-- 17.79 sq km.

PERIOD OF RECORD.-- 04/01/2012-Present

GAGE.-- 1mm Tipping bucket and datalogger with satellite telemetry

AVERAGE PRECIP.--

EXTREMES.-- 250.00mm on 12/13/2014

REMARKS.-- Values in mm

DAILY TOTAL VALUES OF PRECIPITATION, IN MM, CALENDAR YEAR JANUARY 2017 TO DECEMBER 2017

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	---	23.00	8.00	1.00	4.00	0.00	0.00	---	---	---	---	---
2	---	99.00	48.00	1.00	7.00	0.00	16.00	---	---	---	---	---
3	---	0.00	27.00	2.00	4.00	7.00	0.00	---	---	---	---	---
4	---	10.00	20.00	1.00	1.00	35.00	13.00	---	---	---	---	---
5	---	5.00	151.00	1.00	3.00	13.00	18.00	---	---	---	---	---
6	---	2.00	3.00	1.00	4.00	0.00	0.00	---	---	---	---	---
7	---	3.00	8.00	0.00	110.00	7.00	0.00	---	---	---	---	---
8	---	8.00	28.00	0.00	14.00	23.00	8.00	---	---	---	---	---
9	---	0.00	4.00	2.00	14.00	130.00	1.00	---	---	---	---	---
10	---	2.00	3.00	2.00	15.00	0.00	16.00	---	---	---	---	---
11	---	4.00	39.00	1.00	5.00	1.00	5.00	---	---	---	---	---
12	---	40.00	5.00	0.00	19.00	0.00	1.00	---	---	---	---	---
13	---	40.00	17.00	2.00	1.00	14.00	0.00	---	---	---	---	---
14	---	4.00	55.00	3.00	0.00	36.00	6.00	---	---	---	---	---
15	---	0.00	4.00	0.00	2.00	16.00	47.00	---	---	---	---	---
16	---	0.00	0.00	6.00	6.00	5.00	0.00	---	---	---	---	---
17	---	0.00	20.00	30.00	38.00	0.00	0.00	---	---	---	---	---
18	---	0.00	6.00	0.00	8.00	0.00	4.00	---	---	---	---	---
19	---	0.00	1.00	1.00	16.00	21.00	20.00	---	---	---	---	---
20	---	0.00	3.00	32.00	13.00	7.00	0.00	---	---	---	---	---
21	---	6.00	6.00	0.00	1.00	12.00	12.00	---	---	---	---	---
22	---	0.00	4.00	0.00	38.00	5.00	3.00	---	---	---	---	---
23	---	0.00	12.00	0.00	0.00	1.00	0.00	---	---	---	---	---
24	---	0.00	11.00	0.00	0.00	4.00	0.00	---	---	---	---	---
25	---	0.00	3.00	0.00	0.00	1.00	23.00	---	---	---	---	---
26	---	0.00	0.00	0.00	14.00	11.00	6.00	---	---	---	---	---
27	---	3.00	4.00	0.00	1.00	23.00	12.00	---	---	---	---	---
28	---	10.00	1.00	0.00	1.00	14.00	6.00	---	---	---	---	---
29	---	---	3.00	2.00	49.00	73.00	0.00	---	---	---	---	---
30	---	---	0.00	70.00	22.00	22.00	55.00	---	---	---	---	---
31	---	---	0.00	---	2.00	---	0.00	---	---	---	---	---
TOTAL	---	259.00	494.00	158.00	412.00	481.00	272.00	---	---	---	---	---
MEAN	---	9.25	15.94	5.27	13.29	16.03	8.77	---	---	---	---	---
MAX	---	99.00	151.00	70.00	110.00	130.00	55.00	---	---	---	---	---
MIN	---	0	0	0	0	0	0	---	---	---	---	---

PRECIPITATION REPORT

Station Number: 40140 Name: W-46

LOCATION.-- Lat 8°57'17.57"N Long 80°40'17.35"W, at Minera Panama, District of Donoso, Province of Colon, Republic of Panama.

DRAINAGE AREA.-- N/A

PERIOD OF RECORD.-- 01/24/2013-Present

GAGE.-- 1mm Tipping bucket and datalogger with satellite telemetry

AVERAGE PRECIP.--

EXTREMES.-- 283.00mm on 11/26/2015

REMARKS.-- Values in mm

DAILY TOTAL VALUES OF PRECIPITATION, IN MM, CALENDAR YEAR JANUARY 2017 TO DECEMBER 2017

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	59.00	17.00	17.00	1.00	1.00	9.00	3.00	---	---	---	---	---
2	2.00	5.00	49.00	18.00	7.00	0.00	66.00	---	---	---	---	---
3	2.00	20.00	71.00	7.00	17.00	87.00	0.00	---	---	---	---	---
4	9.00	80.00	32.00	6.00	1.00	38.00	5.00	---	---	---	---	---
5	11.00	16.00	193.00	1.00	2.00	0.00	37.00	---	---	---	---	---
6	32.00	3.00	4.00	4.00	0.00	1.00	9.00	---	---	---	---	---
7	13.00	6.00	16.00	1.00	7.00	0.00	2.00	---	---	---	---	---
8	114.00	14.00	42.00	0.00	4.00	35.00	58.00	---	---	---	---	---
9	3.00	1.00	9.00	4.00	10.00	49.00	32.00	---	---	---	---	---
10	17.00	4.00	4.00	8.00	0.00	0.00	63.00	---	---	---	---	---
11	7.00	3.00	55.00	4.00	15.00	12.00	3.00	---	---	---	---	---
12	4.00	45.00	43.00	2.00	3.00	0.00	4.00	---	---	---	---	---
13	22.00	58.00	17.00	2.00	5.00	14.00	10.00	---	---	---	---	---
14	1.00	7.00	70.00	35.00	1.00	4.00	48.00	---	---	---	---	---
15	22.00	0.00	5.00	0.00	0.00	4.00	59.00	---	---	---	---	---
16	17.00	0.00	2.00	15.00	3.00	7.00	0.00	---	---	---	---	---
17	8.00	0.00	16.00	142.00	0.00	0.00	4.00	---	---	---	---	---
18	8.00	1.00	4.00	0.00	1.00	0.00	9.00	---	---	---	---	---
19	19.00	1.00	7.00	0.00	37.00	33.00	77.00	---	---	---	---	---
20	1.00	0.00	5.00	4.00	43.00	0.00	0.00	---	---	---	---	---
21	27.00	3.00	9.00	0.00	6.00	2.00	2.00	---	---	---	---	---
22	0.00	0.00	2.00	0.00	16.00	1.00	35.00	---	---	---	---	---
23	0.00	0.00	52.00	0.00	1.00	10.00	0.00	---	---	---	---	---
24	0.00	1.00	31.00	0.00	0.00	31.00	20.00	---	---	---	---	---
25	0.00	0.00	11.00	2.00	0.00	3.00	57.00	---	---	---	---	---
26	33.00	0.00	1.00	0.00	11.00	3.00	11.00	---	---	---	---	---
27	10.00	11.00	7.00	1.00	2.00	0.00	6.00	---	---	---	---	---
28	1.00	24.00	1.00	2.00	0.00	27.00	27.00	---	---	---	---	---
29	10.00	---	6.00	18.00	98.00	6.00	1.00	---	---	---	---	---
30	12.00	---	0.00	93.00	16.00	4.00	24.00	---	---	---	---	---
31	17.00	---	0.00	---	1.00	---	0.00	---	---	---	---	---
TOTAL	481.00	320.00	781.00	370.00	308.00	380.00	672.00	---	---	---	---	---
MEAN	15.52	11.43	25.19	12.33	9.94	12.67	21.68	---	---	---	---	---
MAX	114.00	80.00	193.00	142.00	98.00	87.00	77.00	---	---	---	---	---
MIN	0	0	0	0	0	0	0	---	---	---	---	---

PRECIPITATION REPORT

Station Number: 40160 Name: Punta Rincón

LOCATION.-- Lat 9°0'16.2"N Long 80°41'53.8"W, at Minera Panama, District of Donoso, Province of Colon, Republic of Panama.

DRAINAGE AREA.-- N/A

PERIOD OF RECORD.-- 09/18/2013-Present

GAGE.-- 1mm Tipping bucket and datalogger with satellite telemetry

AVERAGE PRECIP.--

EXTREMES.-- 316.00mm on 12/06/2013

REMARKS.-- Values in mm

DAILY TOTAL VALUES OF PRECIPITATION, IN MM, CALENDAR YEAR JANUARY 2017 TO DECEMBER 2017

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	37.00	5.00	20.00	7.00	1.00	29.00	7.00	---	---	---	---	---
2	1.00	0.00	44.00	7.00	7.00	0.00	61.00	---	---	---	---	---
3	0.00	19.00	106.00	8.00	21.00	94.00	0.00	---	---	---	---	---
4	24.00	38.00	18.00	25.00	8.00	20.00	0.00	---	---	---	---	---
5	9.00	3.00	134.00	1.00	3.00	0.00	17.00	---	---	---	---	---
6	34.00	3.00	1.00	0.00	0.00	1.00	17.00	---	---	---	---	---
7	20.00	1.00	12.00	0.00	2.00	1.00	4.00	---	---	---	---	---
8	19.00	17.00	64.00	0.00	0.00	1.00	239.00	---	---	---	---	---
9	1.00	0.00	3.00	2.00	41.00	48.00	61.00	---	---	---	---	---
10	7.00	0.00	2.00	2.00	3.00	7.00	27.00	---	---	---	---	---
11	3.00	1.00	24.00	2.00	8.00	54.00	37.00	---	---	---	---	---
12	1.00	38.00	17.00	24.00	3.00	7.00	1.00	---	---	---	---	---
13	5.00	76.00	8.00	8.00	0.00	17.00	18.00	---	---	---	---	---
14	0.00	9.00	84.00	3.00	0.00	8.00	24.00	---	---	---	---	---
15	4.00	1.00	0.00	0.00	0.00	5.00	143.00	---	---	---	---	---
16	2.00	1.00	2.00	19.00	0.00	4.00	0.00	---	---	---	---	---
17	3.00	0.00	14.00	228.00	0.00	0.00	5.00	---	---	---	---	---
18	6.00	5.00	8.00	5.00	1.00	1.00	17.00	---	---	---	---	---
19	8.00	0.00	2.00	0.00	20.00	9.00	27.00	---	---	---	---	---
20	0.00	0.00	0.00	0.00	73.00	0.00	1.00	---	---	---	---	---
21	15.00	6.00	3.00	0.00	0.00	3.00	1.00	---	---	---	---	---
22	0.00	1.00	1.00	0.00	7.00	1.00	36.00	---	---	---	---	---
23	8.00	0.00	76.00	0.00	15.00	10.00	2.00	---	---	---	---	---
24	0.00	0.00	17.00	0.00	8.00	57.00	20.00	---	---	---	---	---
25	---	0.00	10.00	0.00	2.00	20.00	70.00	---	---	---	---	---
26	---	0.00	1.00	0.00	1.00	1.00	25.00	---	---	---	---	---
27	---	2.00	6.00	5.00	3.00	0.00	9.00	---	---	---	---	---
28	1.00	20.00	0.00	5.00	0.00	9.00	53.00	---	---	---	---	---
29	2.00	---	1.00	3.00	92.00	11.00	2.00	---	---	---	---	---
30	5.00	---	0.00	59.00	21.00	0.00	48.00	---	---	---	---	---
31	11.00	---	0.00	---	5.00	---	0.00	---	---	---	---	---
TOTAL	226.00	246.00	678.00	413.00	345.00	418.00	972.00	---	---	---	---	---
MEAN	7.29	8.79	21.87	13.77	11.13	13.93	31.35	---	---	---	---	---
MAX	34.00	76.00	134.00	228.00	92.00	94.00	239.00	---	---	---	---	---
MIN	0	0	0	0	0	0	0	---	---	---	---	---

PRECIPITATION REPORT

Station Number: 40180 Name: Botija Laydown

LOCATION.-- Lat 8.848496 N Long 80.644634 W, at Minera Panama, District of Donoso, Province of Colon, Republic of Panama.

DRAINAGE AREA.-- N/A

PERIOD OF RECORD.-- 03/14/2014-Present

GAGE.-- 1mm Tipping bucket and datalogger with satellite telemetry

AVERAGE PRECIP.--

EXTREMES.-- 257.00mm on 12/13/2014

REMARKS.-- Values in mm

DAILY TOTAL VALUES OF PRECIPITATION, IN MM, CALENDAR YEAR JANUARY 2017 TO DECEMBER 2017

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	23.00	2.00	6.00	0.00	2.00	1.00	1.00	---	---	---	---	---
2	1.00	5.00	40.00	3.00	11.00	0.00	14.00	---	---	---	---	---
3	0.00	14.00	34.00	1.00	14.00	4.00	0.00	---	---	---	---	---
4	0.00	17.00	21.00	2.00	0.00	37.00	17.00	---	---	---	---	---
5	1.00	2.00	139.00	0.00	10.00	7.00	12.00	---	---	---	---	---
6	7.00	6.00	3.00	2.00	3.00	0.00	2.00	---	---	---	---	---
7	2.00	1.00	7.00	0.00	38.00	3.00	0.00	---	---	---	---	---
8	31.00	14.00	25.00	0.00	33.00	17.00	9.00	---	---	---	---	---
9	8.00	0.00	2.00	4.00	16.00	106.00	1.00	---	---	---	---	---
10	14.00	1.00	4.00	1.00	8.00	4.00	11.00	---	---	---	---	---
11	3.00	7.00	33.00	0.00	2.00	0.00	7.00	---	---	---	---	---
12	4.00	57.00	5.00	0.00	10.00	0.00	17.00	---	---	---	---	---
13	11.00	43.00	8.00	2.00	0.00	6.00	2.00	---	---	---	---	---
14	1.00	2.00	45.00	9.00	0.00	28.00	22.00	---	---	---	---	---
15	32.00	0.00	3.00	0.00	9.00	3.00	27.00	---	---	---	---	---
16	2.00	0.00	1.00	13.00	5.00	8.00	0.00	---	---	---	---	---
17	5.00	0.00	17.00	49.00	15.00	0.00	1.00	---	---	---	---	---
18	6.00	0.00	10.00	1.00	19.00	0.00	2.00	---	---	---	---	---
19	10.00	0.00	1.00	1.00	9.00	14.00	19.00	---	---	---	---	---
20	4.00	0.00	3.00	5.00	13.00	3.00	0.00	---	---	---	---	---
21	22.00	1.00	9.00	0.00	6.00	44.00	24.00	---	---	---	---	---
22	0.00	0.00	4.00	0.00	58.00	5.00	9.00	---	---	---	---	---
23	0.00	0.00	24.00	0.00	0.00	3.00	1.00	---	---	---	---	---
24	0.00	0.00	26.00	0.00	0.00	5.00	2.00	---	---	---	---	---
25	0.00	0.00	4.00	0.00	0.00	0.00	21.00	---	---	---	---	---
26	11.00	0.00	0.00	0.00	14.00	11.00	3.00	---	---	---	---	---
27	8.00	4.00	6.00	0.00	0.00	11.00	14.00	---	---	---	---	---
28	3.00	7.00	2.00	1.00	1.00	21.00	3.00	---	---	---	---	---
29	9.00	---	0.00	3.00	19.00	32.00	0.00	---	---	---	---	---
30	7.00	---	0.00	40.00	23.00	16.00	39.00	---	---	---	---	---
31	22.00	---	0.00	---	0.00	---	0.00	---	---	---	---	---
TOTAL	247.00	183.00	482.00	137.00	338.00	389.00	280.00	---	---	---	---	---
MEAN	7.97	6.54	15.55	4.57	10.90	12.97	9.03	---	---	---	---	---
MAX	32.00	57.00	139.00	49.00	58.00	106.00	39.00	---	---	---	---	---
MIN	0	0	0	0	0	0	0	---	---	---	---	---

PRECIPITATION REPORT

Station Number: 40500 Name: Rio Petaquilla

LOCATION.-- Lat 8°50'22.31"N Long 80°41'56.11"W, at Minera Panama, District of Donoso, Province of Colon, Republic of Panama.

DRAINAGE AREA.-- 10.98 sq km.

PERIOD OF RECORD.-- 04/01/2012-Present

GAGE.-- 1mm Tipping bucket and datalogger with satellite telemetry

AVERAGE PRECIP.--

EXTREMES.-- 231.00mm on 11/18/2012

REMARKS.-- Values in mm

DAILY TOTAL VALUES OF PRECIPITATION, IN MM, CALENDAR YEAR JANUARY 2017 TO DECEMBER 2017

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	53.00	4.00	12.00	0.00	0.00	1.00	1.00	---	---	---	---	---
2	2.00	3.00	22.00	5.00	14.00	0.00	20.00	---	---	---	---	---
3	2.00	1.00	38.00	6.00	8.00	15.00	0.00	---	---	---	---	---
4	0.00	1.00	46.00	2.00	1.00	25.00	13.00	---	---	---	---	---
5	6.00	6.00	143.00	1.00	3.00	9.00	15.00	---	---	---	---	---
6	6.00	3.00	3.00	3.00	2.00	0.00	1.00	---	---	---	---	---
7	15.00	7.00	37.00	0.00	16.00	3.00	1.00	---	---	---	---	---
8	71.00	29.00	63.00	9.00	40.00	14.00	51.00	---	---	---	---	---
9	4.00	5.00	15.00	3.00	8.00	42.00	16.00	---	---	---	---	---
10	16.00	4.00	9.00	2.00	3.00	3.00	11.00	---	---	---	---	---
11	10.00	7.00	8.00	1.00	5.00	2.00	19.00	---	---	---	---	---
12	11.00	76.00	15.00	3.00	8.00	0.00	13.00	---	---	---	---	---
13	10.00	52.00	8.00	3.00	5.00	9.00	6.00	---	---	---	---	---
14	5.00	4.00	29.00	17.00	0.00	16.00	20.00	---	---	---	---	---
15	5.00	0.00	4.00	2.00	52.00	3.00	12.00	---	---	---	---	---
16	2.00	0.00	1.00	19.00	9.00	8.00	0.00	---	---	---	---	---
17	3.00	1.00	13.00	54.00	14.00	4.00	14.00	---	---	---	---	---
18	4.00	0.00	8.00	11.00	70.00	0.00	3.00	---	---	---	---	---
19	5.00	2.00	5.00	0.00	5.00	13.00	42.00	---	---	---	---	---
20	3.00	0.00	4.00	1.00	11.00	28.00	0.00	---	---	---	---	---
21	3.00	2.00	20.00	0.00	27.00	9.00	29.00	---	---	---	---	---
22	1.00	0.00	12.00	0.00	3.00	24.00	13.00	---	---	---	---	---
23	0.00	0.00	31.00	0.00	0.00	0.00	0.00	---	---	---	---	---
24	0.00	0.00	28.00	0.00	0.00	14.00	14.00	---	---	---	---	---
25	0.00	0.00	8.00	3.00	1.00	0.00	10.00	---	---	---	---	---
26	5.00	0.00	1.00	0.00	14.00	4.00	5.00	---	---	---	---	---
27	9.00	21.00	1.00	3.00	1.00	11.00	20.00	---	---	---	---	---
28	7.00	31.00	0.00	0.00	2.00	18.00	19.00	---	---	---	---	---
29	6.00	---	13.00	21.00	61.00	6.00	0.00	---	---	---	---	---
30	5.00	---	0.00	30.00	8.00	29.00	20.00	---	---	---	---	---
31	4.00	---	0.00	---	1.00	---	0.00	---	---	---	---	---
TOTAL	273.00	259.00	597.00	199.00	392.00	310.00	388.00	---	---	---	---	---
MEAN	8.81	9.25	19.26	6.63	12.65	10.33	12.52	---	---	---	---	---
MAX	71.00	76.00	143.00	54.00	70.00	42.00	51.00	---	---	---	---	---
MIN	0	0	0	0	0	0	0	---	---	---	---	---

PRECIPITATION REPORT

Station Number: 40550 Name: Poza-4 TMF

LOCATION.-- Lat 8.899354 N Long 80.672072 W, at Minera Panama, District of Donoso, Province of Colon, Republic of Panama.

DRAINAGE AREA.-- N/A

PERIOD OF RECORD.-- 11/17/2015-Present

GAGE.-- 1mm Tipping bucket and datalogger with satellite telemetry

AVERAGE PRECIP.--

EXTREMES.-- 179.00mm on 03/05/2017

REMARKS.-- Values in mm

DAILY TOTAL VALUES OF PRECIPITATION, IN MM, CALENDAR YEAR JANUARY 2017 TO DECEMBER 2017

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	37.00	14.00	10.00	1.00	0.00	2.00	1.00	---	---	---	---	---
2	1.00	5.00	26.00	6.00	8.00	0.00	35.00	---	---	---	---	---
3	0.00	18.00	53.00	5.00	12.00	21.00	0.00	---	---	---	---	---
4	1.00	66.00	46.00	2.00	0.00	34.00	2.00	---	---	---	---	---
5	7.00	12.00	179.00	2.00	3.00	2.00	37.00	---	---	---	---	---
6	14.00	6.00	5.00	4.00	0.00	0.00	6.00	---	---	---	---	---
7	9.00	9.00	26.00	1.00	11.00	1.00	0.00	---	---	---	---	---
8	88.00	20.00	40.00	2.00	5.00	6.00	27.00	---	---	---	---	---
9	3.00	0.00	4.00	4.00	12.00	56.00	2.00	---	---	---	---	---
10	20.00	14.00	8.00	2.00	0.00	5.00	60.00	---	---	---	---	---
11	6.00	4.00	33.00	2.00	30.00	3.00	17.00	---	---	---	---	---
12	6.00	58.00	14.00	1.00	4.00	0.00	34.00	---	---	---	---	---
13	14.00	57.00	8.00	2.00	14.00	7.00	2.00	---	---	---	---	---
14	3.00	8.00	58.00	31.00	0.00	5.00	19.00	---	---	---	---	---
15	18.00	1.00	1.00	0.00	7.00	2.00	41.00	---	---	---	---	---
16	16.00	0.00	6.00	11.00	5.00	5.00	0.00	---	---	---	---	---
17	5.00	0.00	17.00	113.00	3.00	0.00	3.00	---	---	---	---	---
18	9.00	1.00	4.00	0.00	1.00	1.00	7.00	---	---	---	---	---
19	20.00	1.00	4.00	1.00	10.00	18.00	54.00	---	---	---	---	---
20	7.00	0.00	3.00	0.00	24.00	14.00	0.00	---	---	---	---	---
21	22.00	1.00	10.00	0.00	18.00	3.00	15.00	---	---	---	---	---
22	0.00	0.00	4.00	0.00	30.00	7.00	24.00	---	---	---	---	---
23	0.00	0.00	46.00	0.00	0.00	1.00	0.00	---	---	---	---	---
24	0.00	0.00	38.00	0.00	0.00	13.00	10.00	---	---	---	---	---
25	0.00	0.00	4.00	0.00	0.00	8.00	28.00	---	---	---	---	---
26	15.00	0.00	0.00	0.00	17.00	7.00	7.00	---	---	---	---	---
27	11.00	14.00	6.00	3.00	1.00	5.00	15.00	---	---	---	---	---
28	1.00	16.00	1.00	4.00	0.00	25.00	15.00	---	---	---	---	---
29	8.00	---	1.00	7.00	31.00	18.00	1.00	---	---	---	---	---
30	14.00	---	0.00	50.00	34.00	16.00	46.00	---	---	---	---	---
31	32.00	---	0.00	---	1.00	---	0.00	---	---	---	---	---
TOTAL	387.00	325.00	655.00	254.00	281.00	285.00	508.00	---	---	---	---	---
MEAN	12.48	11.61	21.13	8.47	9.06	9.50	16.39	---	---	---	---	---
MAX	88.00	66.00	179.00	113.00	34.00	56.00	60.00	---	---	---	---	---
MIN	0	0	0	0	0	0	0	---	---	---	---	---

PRECIPITATION REPORT

Station Number: 40650 Name: TMF Wx

LOCATION.-- Lat 8°53'0.18"N Long 80°38'37.20"W, at Minera Panama, District of Donoso, Province of Colon, Republic of Panama.

DRAINAGE AREA.-- N/A

PERIOD OF RECORD.-- 02/13/2014-Present

GAGE.-- 1mm Tipping bucket and datalogger with satellite telemetry

AVERAGE PRECIP.--

EXTREMES.-- 218.00mm on 12/13/2014

REMARKS.-- Values in mm

DAILY TOTAL VALUES OF PRECIPITATION, IN MM, CALENDAR YEAR JANUARY 2017 TO DECEMBER 2017

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	35.00	8.00	4.00	1.00	0.00	1.00	0.00	---	---	---	---	---
2	2.00	4.00	47.00	2.00	10.00	0.00	15.00	---	---	---	---	---
3	0.00	18.00	62.00	3.00	15.00	15.00	0.00	---	---	---	---	---
4	0.00	52.00	43.00	3.00	0.00	25.00	3.00	---	---	---	---	---
5	1.00	3.00	166.00	1.00	3.00	7.00	23.00	---	---	---	---	---
6	11.00	6.00	4.00	1.00	0.00	0.00	2.00	---	---	---	---	---
7	6.00	2.00	13.00	0.00	11.00	2.00	0.00	---	---	---	---	---
8	64.00	11.00	21.00	0.00	15.00	6.00	13.00	---	---	---	---	---
9	3.00	0.00	3.00	6.00	15.00	96.00	2.00	---	---	---	---	---
10	13.00	2.00	6.00	3.00	0.00	6.00	49.00	---	---	---	---	---
11	2.00	7.00	60.00	3.00	4.00	1.00	35.00	---	---	---	---	---
12	5.00	65.00	8.00	0.00	6.00	0.00	35.00	---	---	---	---	---
13	12.00	54.00	22.00	4.00	3.00	8.00	2.00	---	---	---	---	---
14	4.00	4.00	58.00	7.00	0.00	19.00	28.00	---	---	---	---	---
15	22.00	0.00	7.00	0.00	1.00	2.00	40.00	---	---	---	---	---
16	6.00	0.00	1.00	15.00	8.00	8.00	0.00	---	---	---	---	---
17	5.00	0.00	22.00	64.00	9.00	0.00	0.00	---	---	---	---	---
18	5.00	1.00	11.00	0.00	4.00	0.00	7.00	---	---	---	---	---
19	12.00	0.00	2.00	0.00	3.00	24.00	24.00	---	---	---	---	---
20	3.00	0.00	3.00	1.00	28.00	9.00	0.00	---	---	---	---	---
21	19.00	5.00	13.00	0.00	18.00	3.00	16.00	---	---	---	---	---
22	0.00	1.00	5.00	0.00	30.00	1.00	9.00	---	---	---	---	---
23	0.00	0.00	22.00	0.00	0.00	4.00	0.00	---	---	---	---	---
24	0.00	0.00	31.00	0.00	0.00	3.00	3.00	---	---	---	---	---
25	0.00	0.00	7.00	0.00	0.00	7.00	35.00	---	---	---	---	---
26	10.00	0.00	1.00	0.00	20.00	8.00	2.00	---	---	---	---	---
27	11.00	3.00	10.00	0.00	1.00	10.00	13.00	---	---	---	---	---
28	3.00	12.00	7.00	0.00	0.00	15.00	1.00	---	---	---	---	---
29	7.00	---	1.00	2.00	25.00	8.00	0.00	---	---	---	---	---
30	9.00	---	0.00	46.00	35.00	8.00	43.00	---	---	---	---	---
31	30.00	---	0.00	---	0.00	---	0.00	---	---	---	---	---
TOTAL	300.00	258.00	660.00	162.00	264.00	296.00	400.00	---	---	---	---	---
MEAN	9.68	9.21	21.29	5.40	8.52	9.87	12.90	---	---	---	---	---
MAX	64.00	65.00	166.00	64.00	35.00	96.00	49.00	---	---	---	---	---
MIN	0	0	0	0	0	0	0	---	---	---	---	---

PRECIPITATION REPORT

Station Number: 40700 Name: Caimito Wx

LOCATION.-- Lat 9°1'13.31"N Long 80°41'1.92"W, at Minera Panama, District of Donoso, Province of Colon, Republic of Panama.

DRAINAGE AREA.-- N/A.

PERIOD OF RECORD.-- 12/07/2011-Present

GAGE.-- 1mm Tipping bucket and datalogger with satellite telemetry

AVERAGE PRECIP.--

EXTREMES.-- 248.00mm on 12/06/2013

REMARKS.-- Values in mm

DAILY TOTAL VALUES OF PRECIPITATION, IN MM, CALENDAR YEAR JANUARY 2017 TO DECEMBER 2017

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	35.00	9.00	12.00	8.00	0.00	25.00	7.00	---	---	---	---	---
2	1.00	0.00	54.00	12.00	14.00	0.00	51.00	---	---	---	---	---
3	0.00	7.00	120.00	6.00	24.00	85.00	0.00	---	---	---	---	---
4	1.00	35.00	15.00	24.00	17.00	40.00	0.00	---	---	---	---	---
5	9.00	2.00	130.00	11.00	4.00	0.00	12.00	---	---	---	---	---
6	73.00	2.00	1.00	1.00	0.00	0.00	16.00	---	---	---	---	---
7	22.00	3.00	14.00	1.00	4.00	0.00	7.00	---	---	---	---	---
8	25.00	14.00	69.00	0.00	0.00	1.00	125.00	---	---	---	---	---
9	3.00	2.00	4.00	0.00	36.00	53.00	64.00	---	---	---	---	---
10	8.00	0.00	0.00	10.00	8.00	4.00	66.00	---	---	---	---	---
11	6.00	4.00	40.00	0.00	8.00	27.00	38.00	---	---	---	---	---
12	0.00	19.00	12.00	3.00	6.00	24.00	3.00	---	---	---	---	---
13	5.00	63.00	15.00	1.00	0.00	19.00	25.00	---	---	---	---	---
14	0.00	15.00	73.00	1.00	0.00	4.00	36.00	---	---	---	---	---
15	1.00	0.00	1.00	0.00	0.00	10.00	91.00	---	---	---	---	---
16	1.00	7.00	3.00	3.00	2.00	2.00	0.00	---	---	---	---	---
17	1.00	0.00	6.00	216.00	0.00	0.00	2.00	---	---	---	---	---
18	7.00	2.00	6.00	1.00	1.00	0.00	31.00	---	---	---	---	---
19	11.00	9.00	9.00	1.00	11.00	10.00	23.00	---	---	---	---	---
20	0.00	0.00	2.00	0.00	62.00	0.00	6.00	---	---	---	---	---
21	26.00	4.00	1.00	0.00	2.00	3.00	0.00	---	---	---	---	---
22	0.00	0.00	1.00	0.00	2.00	1.00	77.00	---	---	---	---	---
23	1.00	0.00	35.00	0.00	19.00	11.00	1.00	---	---	---	---	---
24	0.00	0.00	14.00	0.00	0.00	78.00	12.00	---	---	---	---	---
25	0.00	0.00	9.00	0.00	4.00	20.00	67.00	---	---	---	---	---
26	32.00	0.00	0.00	0.00	0.00	3.00	9.00	---	---	---	---	---
27	5.00	3.00	3.00	5.00	19.00	0.00	5.00	---	---	---	---	---
28	0.00	11.00	0.00	12.00	0.00	6.00	33.00	---	---	---	---	---
29	1.00	---	6.00	1.00	74.00	5.00	5.00	---	---	---	---	---
30	5.00	---	0.00	85.00	15.00	0.00	50.00	---	---	---	---	---
31	5.00	---	0.00	---	5.00	---	0.00	---	---	---	---	---
TOTAL	284.00	211.00	655.00	402.00	337.00	431.00	862.00	---	---	---	---	---
MEAN	9.16	7.54	21.13	13.40	10.87	14.37	27.81	---	---	---	---	---
MAX	73.00	63.00	130.00	216.00	74.00	85.00	125.00	---	---	---	---	---
MIN	0	0	0	0	0	0	0	---	---	---	---	---